

## CLAIMS

What is claimed is:

1. A bag comprising:
  - 5 a) a first panel;
  - b) a second panel;
  - c) first and second layflat side edges;
  - d) a bottom edge; and
  - e) a bag mouth;
- 10 wherein at least one of the first and second layflat side edges, and the bottom edge, comprises a radiation cured adhesive layer bonding the first and second panels together.
2. The bag of claim 1 wherein the bag panels each comprise a film having an oxygen
- 15 barrier layer, and a bonding layer.
3. The bag of claim 1 wherein the average thickness of the radiation cured adhesive layer is from 0.1 to 12 micrometers.
- 20 4. The bag of claim 1 wherein the radiation cured adhesive forms a pattern.
5. The bag of claim 1 wherein the radiation cured adhesive forms a discontinuous layer.
- 25 6. A thermoformed container comprising:
  - a) a forming web, the forming web comprising a polymeric material;
  - b) a substantially non-forming web comprising a polymeric material; and
  - c) a radiation cured adhesive layer disposed between and bonding at least
  - 30 portions of the forming web and the substantially non-forming web.

7. The thermoformed container of claim 6 wherein the forming web and the substantially non-forming web each comprise a film having an oxygen barrier layer, and a bonding layer.
- 5 8. The thermoformed container of claim 6 wherein the average thickness of the radiation cured adhesive layer is from 0.1 to 12 micrometers.
9. The thermoformed container of claim 6 wherein the radiation cured adhesive layer forms a pattern.
- 10 10. The thermoformed container of claim 6 wherein the radiation cured adhesive forms a discontinuous layer.
11. A film/foam composite comprising:
- 15 a) a thermoplastic film comprising a polymeric material;  
b) a polymeric foam sheet; and  
c) a radiation cured adhesive layer disposed between and bonding at least portions of the thermoplastic film and the polymeric foam sheet.
- 20 12. The film/foam composite of claim 11 wherein the thermoplastic film comprises a layer comprising a polyolefinic material.
13. The film/foam composite of claim 11 wherein the average thickness of the radiation cured adhesive layer is from 0.1 to 12 micrometers.
- 25 14. The film/foam composite of claim 11 wherein the radiation cured adhesive layer forms a pattern.
15. The film/foam composite of claim 11 wherein the radiation cured adhesive forms a discontinuous layer.
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16. An inflatable packaging cushion comprising a plurality of flexible plastic sheets bonded together in the region of their edges, wherein a radiation cured adhesive layer bonds at least a portion of the flexible plastic sheets together.
- 5 17. The inflatable packaging cushion of claim 16 wherein the flexible plastic sheets each comprise a layer comprising a polyolefinic material.
18. The inflatable packaging cushion of claim 16 wherein the average thickness of the radiation cured adhesive is from 0.1 to 12 micrometers.
- 10 19. The inflatable packaging cushion of claim 16 wherein the radiation cured adhesive forms a pattern.
20. The inflatable packaging cushion of claim 16 wherein the radiation cured adhesive
- 15 forms a discontinuous pattern.